What is Distance Learning at Scale?

• 3 year pilot with the following aims:
  – Expand Open Education and target new global audiences
  – Deliver and test new at scale digital pedagogy
  – Use appropriate automation technologies to support teaching and administration
  – Build and test capacity for delivering sustainable high quality at scale programmes
  – Contribute to the Edinburgh Educational Eco-System
  – Delivery of at least 3 MicroMasters or masters by 2021.
The (Learning Analytics) Challenge

• Lack of production ready systems
• Predictive\retention modelling prevalent
• The @ scale issue
  – Beyond very small groups of students this is difficult to achieve (Pardo et al., 2019).
• Meaningful and useful to teachers and students
  – Dashboard dystopia
  – Relevance
  – Personalised
The proposal
• Pilot OnTask for 2019-20

What is OnTask
– Open source
– Web application
– Simple to use
– Emphasis teacher agency
– Not a black box
– Algorithm transparent
What is OnTask

• Provides personalised actionable coaching feedback via email
  – Via student data
  – Via configurable workflows with set criteria
  – IFTTT (if this then that)

• Rules and feedback generated are managed by teachers
  – Teachers have control
  – Expanding the teaching function
The Benefits

• Delivery of personalised feedback to all learners regardless of their performance
• Help learners reach a common baseline of knowledge and competency
• Solution should be beneficial for on campus, online and everything in between (the institutional eco-system)
Whiskey course

- **Total Discussion Board Contributions equal 0**
  - (78 learners)
  - **Formula**
    - Total Contributions equal to No

- **Total Discussion Board Contributions more than 1**
  - (343 learners)
  - **Formula**
    - Total Contributions is non empty and greater than or equal to 2

- **Total Discussion Board Contributions equals 1**
  - (79 learners)
  - **Formula**
    - Total Contributions equal to Yes
Total Discussion Board Contributions equal or greater than 2

**Hi Gabrielle**

Thanks for participating in the forum. Whiskey is awesome this week. A discussion is a great place to share, experiment and help learners review and apply what they have been learnt within the course and should be regarded as community space.

As part of the course you have been asked to review two of your peers comments on the initial task.

*Your enthusiasm for this task has been noted, great that you posted more than twice. But, to keep things equitable could you go back and select what your two best posts were and remove the others. Thank you.*

**Values:** Total Contributions = 3
Total Discussion Board Contributions equal 0

Hi Ethan

Thanks for participating in the forum Whiskey is awesome this week. A discussion is a great place to share, experiment and help learners review and apply what they have been learnt within the course and should be regarded as community space.

As part of the course you have been asked to review two of your peers comments on the initial task.

Hey, we have noticed you have not posted in the forums, we hope you are not having technical issues, here is a link to the forum help guide. See you in the forum 😊

Values: Total Contributions = 0
DEMO
What Next

• DLAS Pilot 2019/20
• On-Campus Pilot 19/20 1 course
• Further evaluation